

The following Listing of the Claims will replace all prior versions and all prior listings of the claims in the present application:

Listing of The Claims:

1. (currently amended) An implant for treating biological tissue comprising:  
therapeutic material associated with a scaffold structure that is implantable within tissue, the scaffold being relatively rigid and having an interior chamber with at least one opening to the interior, wherein the therapeutic material is associated with the interior of the scaffold.
2. (canceled)
3. (original) A tissue implant as defined in claim 1 wherein the scaffold defines an exterior surface and the therapeutic material is associated with the exterior surface.
4. (original) A tissue implant as defined in claim 1 wherein the scaffold structure is porous and a therapeutic material is associated within the pores of the structure.
5. (original) A tissue implant as defined in claim 1 wherein the therapeutic material defines a plurality of cells.
6. (currently amended) A tissue implant as defined in claim 1 wherein the therapeutic material comprises ~~defines~~ tissue.
7. (original) A tissue implant as defined in claim 1 wherein the therapeutic material comprises precursor cells.
8. (original) A tissue implant as defined in claim 1 wherein the therapeutic material comprises stem cells.

9. (original) A tissue implant as defined in claim 1 wherein the therapeutic material comprises a cardiomyocyte.

10. (original) A tissue implant as defined in claim 1 wherein the therapeutic material comprises DNA.

11. (original) A tissue implant as defined in claim 1 wherein the therapeutic material comprises skeletal myoblasts.

12. (original) A tissue implant as defined in claim 1 wherein the therapeutic material is joined to the scaffold structure by surgical adhesive.

13. (original) A tissue implant as defined in claim 1 wherein the therapeutic material is applied as a coating to the scaffold structure.

14. (original) A tissue implant as defined in claim 12 wherein the coating is adhered to the scaffold structure by opposite electrical charges.

15. (original) A tissue implant as defined in claim 1 wherein the therapeutic material is maintained in a gel form that is associated with the scaffold.

16. (original) A tissue implant as defined in claim 1 wherein the therapeutic material is suspended in a liquid that is applied to the scaffold after it has been implanted in tissue.

17. (original) A tissue implant as defined in claim 1 wherein the scaffold further comprises a coil body.

18. (currently amended) A tissue implant device as defined in claim 1 wherein the scaffold further comprises a mesh tube.

19. (original) A tissue implant as defined in claim 1 wherein the scaffold structure further comprises a porous pellet.

20. (original) A tissue implant as defined in claim 1 wherein the scaffold structure comprises a surgical grade stainless steel.

21. (original) A tissue implant as defined in claim 1 wherein the scaffold structure comprises a nickel titanium alloy.

22. (original) A tissue implant as defined in claim 1 wherein the scaffold structure comprises a biodegradable polymer.

23. (original) A myocardial implant comprising:  
an angiogenic implant device having associated with it a therapeutic material  
configured to improve cardiac muscle function.

24-27. (canceled)

28-31. (canceled)

32. (canceled)

33. (canceled)